

Fig. 1

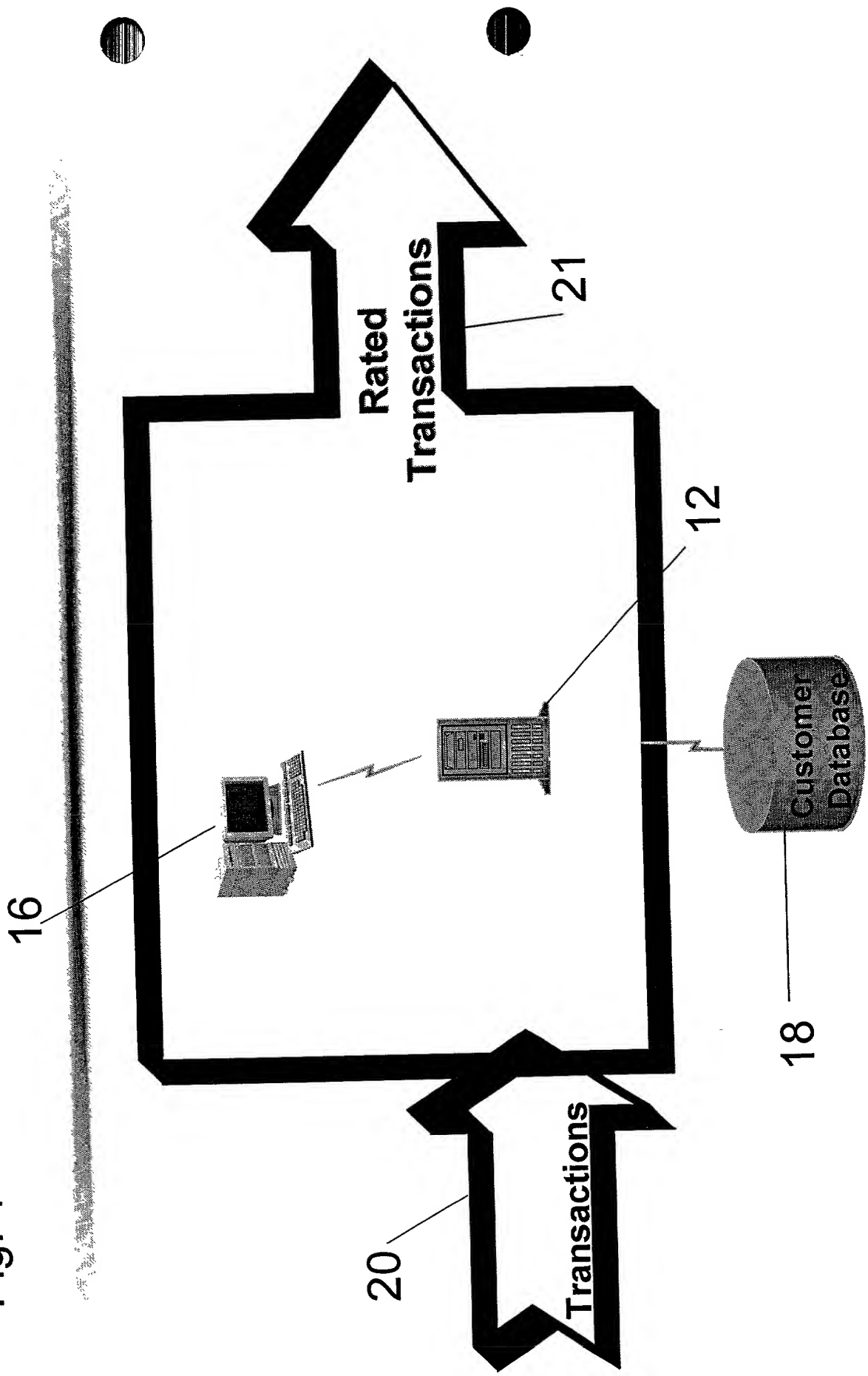
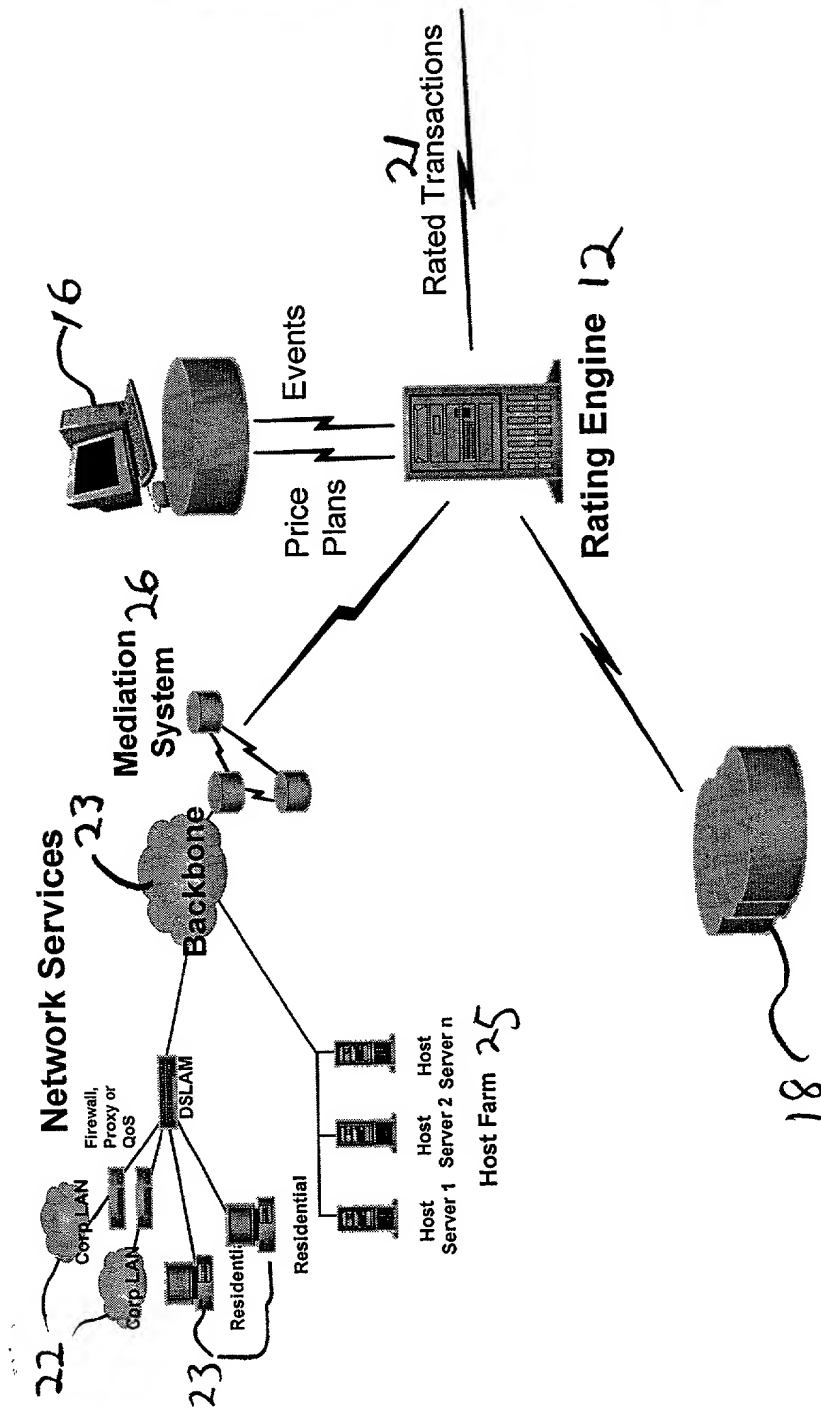


Fig. 2



```

D:\Pricemakerdemo\Server\InputComponents\Wireless.xml - Microsoft Internet Explorer provided by America Online
File Edit View Favorites Tools Help
Address: D:\Pricemakerdemo\Server\InputComponents\Wireless.xml Go Links Yahoo! Mail Travelocity MapQuest
<DOCTYPE InputComponent (view source for full doctype..)>
- <InputComponent
  eventHandlerClassName="com.rii.pricemaker.inputcomponents.skeleton.handlers.file.implementation.FileExternalEventHandler"
  batchIDOption="hourly">
- <ConfigurationData>
  - <![CDATA[

    <FileExternalEventHandler>
      fileManager = "com.rii.pricemaker.inputcomponents.skeleton.handlers.file.filemanagers.RotationFileManager"
      streamProcessor = "com.rii.pricemaker.inputcomponents.skeleton.handlers.file.streamprocessors.flatformat.Flatf
      copyFilesOnError = false
    </FileExternalEventHandler>

    <FileManager>
      directory="demo/wireless/testdata"
      rotationFileNames="Wirelessdata.1" "Wirelessdata.2"
    </FileManager>

    <StreamProcessor>
      maxEventsPerFile=500
      eventColumn=1
      columnDelimiter=", "

      <StringFormat>
        dateFormat="yyyy.MM.dd kk:mm:ss:SSS z"
        booleanTrue = "true"
        booleanFalse = "false"
        vectorDelimiter = ":"
      </StringFormat>
    </StreamProcessor>

  ]]>
</ConfigurationData>
- <Event eventType="EmailRecur" responseType="afterEventProcessing">
- <ConfigurationData>
  - <![CDATA[

    <StreamProcessor>
      column = "event" : "string"
      column = "record" : "string"
      column = "customerId" : "string"
  ]]>

```

Figure 3

Fig. 4

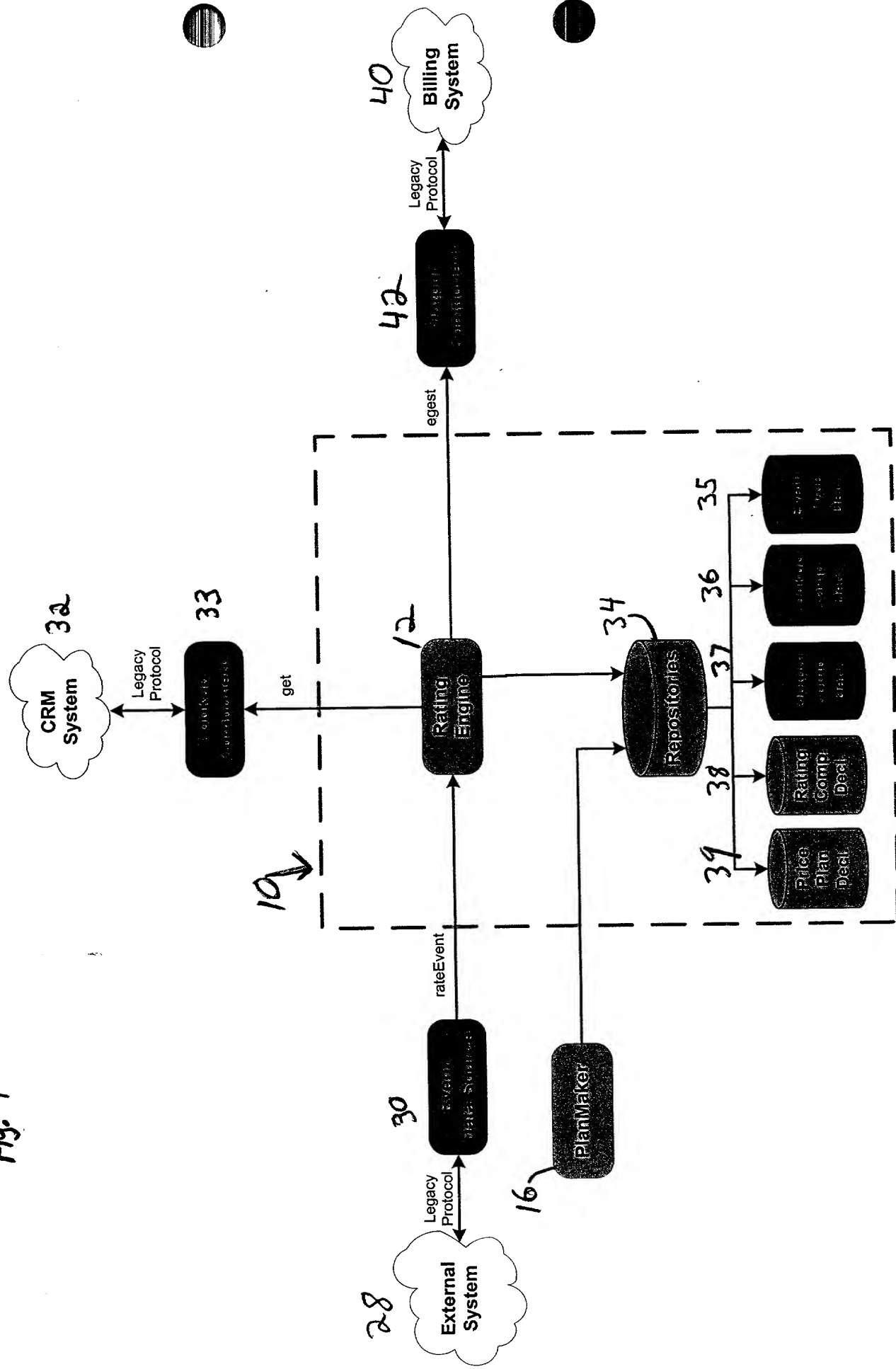


Figure 5

PlanMaker - [New Plan]

File Edit Format Document Tools Window Help


Plan Identification
Description
Internal Notes
Pricing Rules
History Log

Pricing Rules By Service


Add Service 55

Service: Wireless 50A

Event: EmailUsage


 Pricing Rule 50B
Edit Pricing Rule

Event: IAUUsage

 Pricing Rule 50C
Edit Pricing Rule

Service: Voice Over IP 51A

Event:

 Pricing Rule 51B
Edit Pricing Rule


Service: ASP 52A

Event: TimeTrackWeekly

Add Pricing Rule 52B

History Log

Add Note

54  [guest 06/16/2000 2:18:42 PM] Price Plan Created

Ready 06/16/2000 3:38 PM

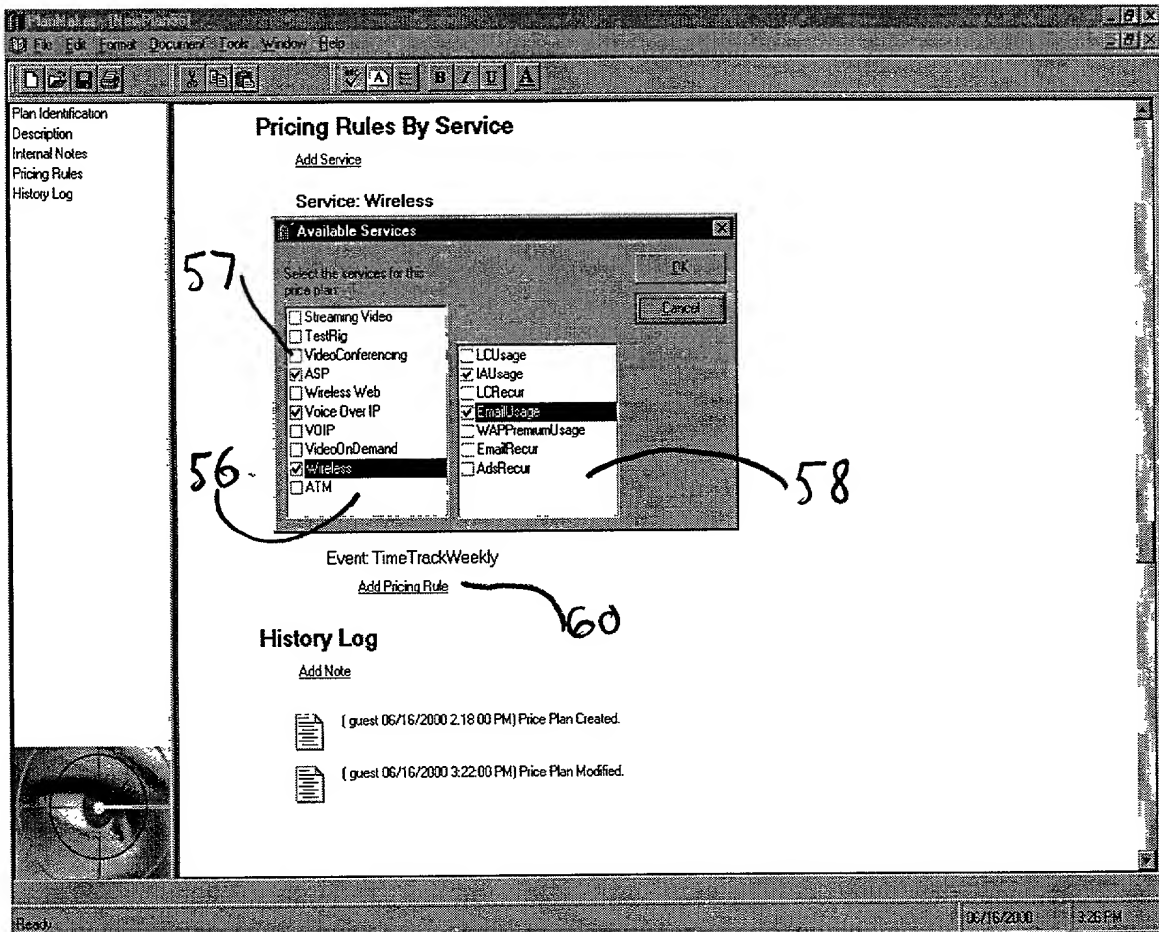


Figure 6A

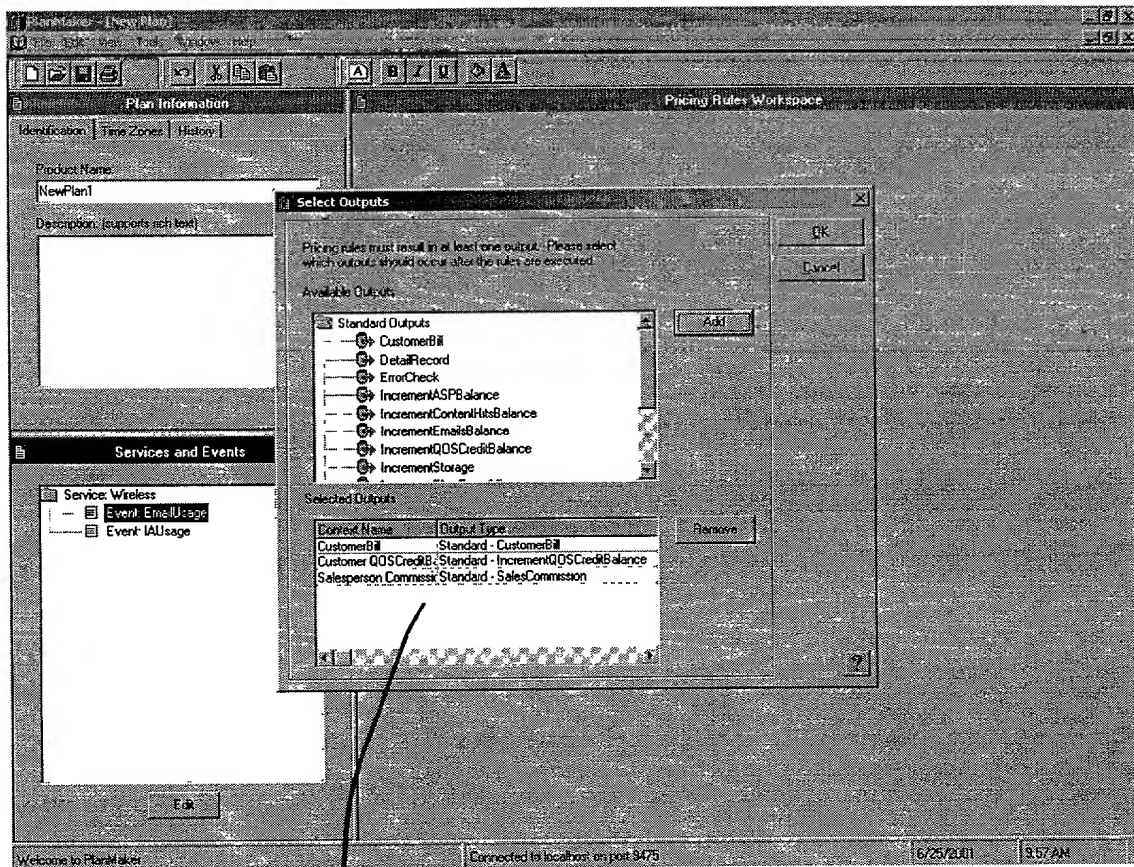


Figure 6B

61

09391374-063701

Pricing Rules

File Edit View Insert Format Help

Arial 10 B I U 100%

B25 =D10

	A	B	C	D	E
1	Output: BillingRecord				
2	BillingRecord Field Names	BillingRecord Field Values			
3	AccountID	jsmith			
4	Amount	0			
5	EventType	E-mail Sent			
6					
7	Input Field Names	Reliability Metrics	Performance Metrics	Sample Data	
8	EmailDestinationAddress	Guaranteed	Fast	me@here.com	
9	EmailBytesReceived	Guaranteed	Fast	341K	
10	EmailBytesSent	Guaranteed	Fast	431K	
11	GatewayID	Guaranteed	Fast	ADETEW	
12	EmailPriority	Guaranteed	Fast	LOW	
13	CustomerID	Guaranteed	Fast	jsmith	
14	EmailStorageServerIP	Guaranteed	Fast	234.12.854.678	
15	EmailEventTime	Guaranteed	Fast	6/15/2000 13:38	
16	CustomerDB.ContentHitsGuaranteed	Guaranteed	Fast	21	
17	CustomerDB.ContentHitsBalance	Guaranteed	Fast	931	
18	CustomerDB.EmailsGuaranteed	Guaranteed	Fast	456	
19	CustomerDB.OptInPushAds	Guaranteed	Fast	7575	
20	CustomerDB.VoiceMinutesPlan	Guaranteed	Fast	456	
21	CustomerDB.EmailsBalance	Guaranteed	Fast	1246	
22	CustomerDB.EmailDiskQuota	Guaranteed	Fast	16965	
23					
24	Calculation Workspace				
25	Quantity of Data Sent	431K			
26	Amount Total	=D10			
27					

EmailUsage

CAPS NUM

Figure 7

A		B	C	D
1	Output Field Names	Output Formulas		
2	Amount	4.8 = B19 - B19 * B22		
3	AccountID	= D12		
4				
5	Input Field Names	Reliability Metrics	Performance Metrics	Input Values
6	TimeStarted	Guaranteed	Fast	10:00:00
7	TimeCompleted	Guaranteed	Fast	12:00:00
8	QoSMinGood	Guaranteed	Fast	60
9	QoSMinFair	Guaranteed	Fast	30
10	QoSMinPoor	Guaranteed	Fast	30
11	HostEmailAddress	Guaranteed	Fast	don@here.com
12	AccountID	Guaranteed	Fast	A123456789
13	NumberParticipants	Guaranteed	Fast	5
14				
15	Calculation Workspace			
16	Duration in Minutes		120 = (D7-D6) * 24 * 60	
17	Duration in Hours		2 = CEILING(B16/60,1)	
18	Charge Per Hour		3 = B17 * B18	
19	SubTotal		6 = IF((0.5 * B16) < D10, TRUE, FALSE)	
20	Eligible for Poor Discount	FALSE	= IF((0.2 * B16) < D9, TRUE, FALSE)	
21	Eligible for Fair Discount	TRUE	= IF(B20 = TRUE, 1, IF(B21 = TRUE, 0.2, 0))	
22	Discount Amount		0.2 = IF(B20 = TRUE, 1, IF(B21 = TRUE, 0.2, 0))	

Gives 100% Discount if 50% of minutes rated poor
 20% Discount if 20% of minutes rated fair

Fig 8.

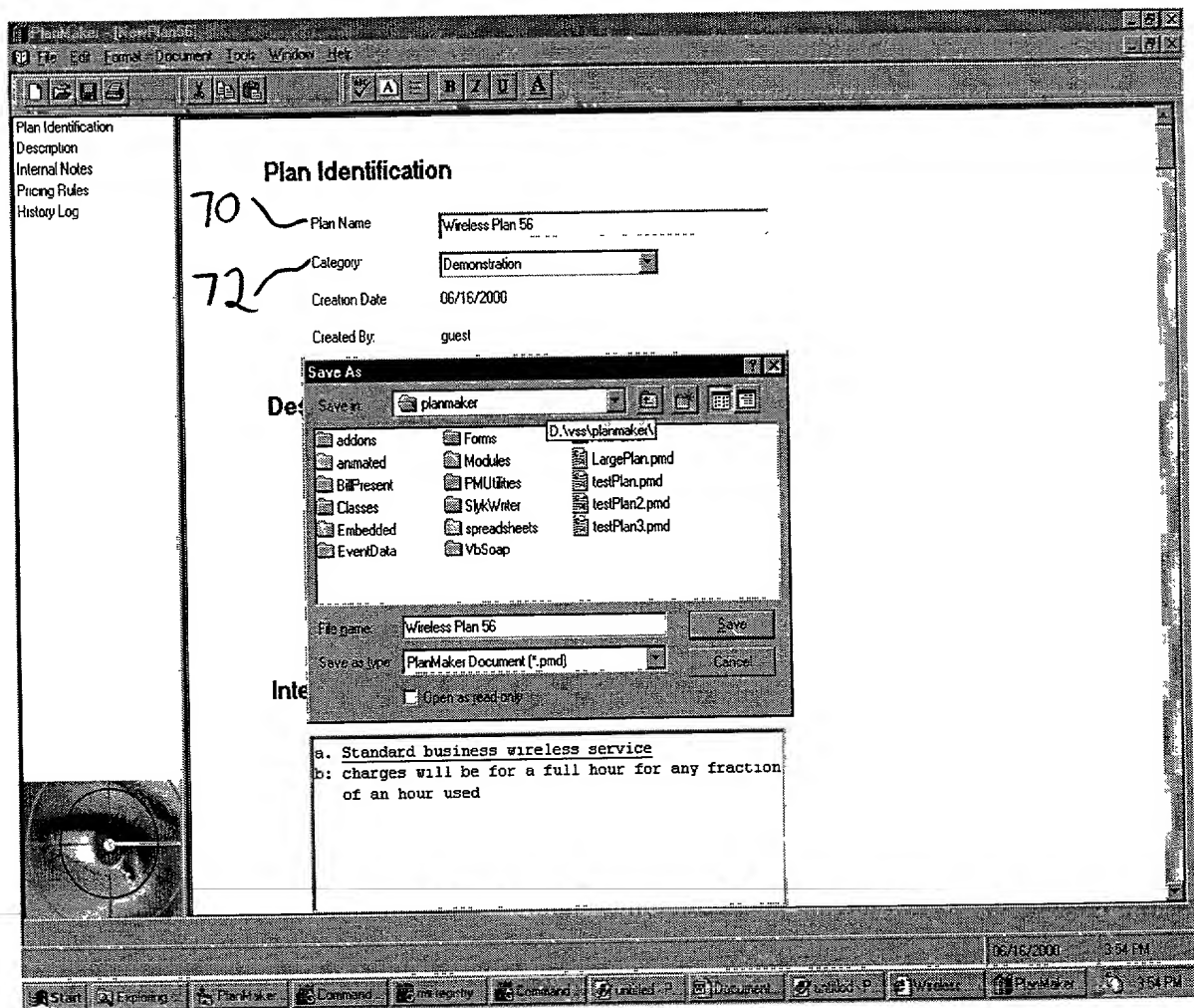


Figure 9

Customer Table

PhoneNum	MinutesBalance	(other)
5551212	80	...

Increment
MinutesBalance
by Duration
(80 + 15 = 95)

Get

Rating
Engine

Send

Output Message

PhoneNum	5551212
Duration	15
Charge	0.80
(other)	...

Figure 10